

**In the Claims**

Please amend the claims as follows:

1-6. (Cancelled).

7. (Original) A manufacturing method of a magnetic head formed with a pair of magnetic core halves fitted to abut on each other having a nonmagnetic gap therebetween and having a slide contact plane for slide contact with a magnetic recording medium on which an end face of the nonmagnetic gap and the magnetic core halves, comprising the steps of:

forming a groove at an end portion of the slide contact plane outer than the end face of the magnetic core halves on the slide contact plane; and

forming a nonmagnetic portion by filling a glass material into the groove.

8. (Original) The manufacturing method of a magnetic head according to Claim 8, wherein a surface roughness of a side plane of the groove is 50nm or less.